

RAW SEQUENCE LISTING DATE: 12/07/2000  
 PATENT APPLICATION: US/09/229,751A TIME: 10:07:57

Input Set : A:\Pto.amc  
 Output Set: N:\CRF3\12072000\I229751A.raw

4 (1) GENERAL INFORMATION:  
 6 (i) APPLICANT: Turnbough, Charles K  
 8 (ii) TITLE OF INVENTION: PEPTIDE LIGANDS THAT BIND TO SURFACES  
 9 OF BACTERIAL CELLS  
 11 (iii) NUMBER OF SEQUENCES: 80  
 13 (iv) CORRESPONDENCE ADDRESS:  
 14 (A) ADDRESSEE: Glenna Hendricks  
 15 (B) STREET: P.O. Box 2509  
 16 (C) CITY: Fairfax  
 17 (D) STATE: VA  
 18 (E) COUNTRY: USA  
 19 (F) ZIP: 22031  
 21 (v) COMPUTER READABLE FORM:  
 22 (A) MEDIUM TYPE: Floppy disk  
 23 (B) COMPUTER: IBM PC compatible  
 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
 C--> 27 (vi) CURRENT APPLICATION DATA:  
 C--> 28 (A) APPLICATION NUMBER: US/09/229,751A  
 C--> 29 (B) FILING DATE: 14-Jan-1999  
 30 (C) CLASSIFICATION:  
 32 (viii) ATTORNEY/AGENT INFORMATION:  
 33 (A) NAME: Hendricks, Glenna M  
 34 (B) REGISTRATION NUMBER: 32,535  
 35 (C) REFERENCE/DOCKET NUMBER: turn  
 37 (ix) TELECOMMUNICATION INFORMATION:  
 38 (A) TELEPHONE: (703) 425-8405  
 39 (B) TELEFAX: (703) 425-8406  
 42 (2) INFORMATION FOR SEQ ID NO: 1:  
 44 (i) SEQUENCE CHARACTERISTICS:  
 45 (A) LENGTH: 4 amino acids  
 46 (B) TYPE: amino acid  
 47 (C) STRANDEDNESS: single  
 48 (D) TOPOLOGY: unknown  
 50 (ii) MOLECULE TYPE: peptide  
 52 (iii) HYPOTHETICAL: NO  
 54 (iv) ANTI-SENSE: NO  
 58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 60 Asn His Phe Leu  
 61 1  
 63 (2) INFORMATION FOR SEQ ID NO: 2:  
 65 (i) SEQUENCE CHARACTERISTICS:  
 66 (A) LENGTH: 21 base pairs  
 67 (B) TYPE: nucleic acid  
 68 (C) STRANDEDNESS: single  
 69 (D) TOPOLOGY: unknown  
 71 (ii) MOLECULE TYPE: DNA (genomic)

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73 (iii) HYPOTHETICAL: NO  
75 (iv) ANTI-SENSE: NO  
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
81 AATCAATTTC TGATTAAGCC G 21  
83 (2) INFORMATION FOR SEQ ID NO: 3:  
85 (i) SEQUENCE CHARACTERISTICS:  
86 (A) LENGTH: 21 base pairs  
87 (B) TYPE: nucleic acid  
88 (C) STRANDEDNESS: single  
89 (D) TOPOLOGY: unknown  
91 (ii) MOLECULE TYPE: DNA (genomic)  
93 (iii) HYPOTHETICAL: NO  
95 (iv) ANTI-SENSE: NO  
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
101 AATCAATTTC TGAGGTCTCC G 21  
103 (2) INFORMATION FOR SEQ ID NO: 4:  
105 (i) SEQUENCE CHARACTERISTICS:  
106 (A) LENGTH: 4 amino acids  
107 (B) TYPE: amino acid  
108 (C) STRANDEDNESS: single  
109 (D) TOPOLOGY: unknown  
111 (ii) MOLECULE TYPE: peptide  
113 (iii) HYPOTHETICAL: NO  
115 (iv) ANTI-SENSE: NO  
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
121 Asn His Phe Leu  
122 1  
124 (2) INFORMATION FOR SEQ ID NO: 5:  
126 (i) SEQUENCE CHARACTERISTICS:  
127 (A) LENGTH: 21 base pairs  
128 (B) TYPE: nucleic acid  
129 (C) STRANDEDNESS: single  
130 (D) TOPOLOGY: unknown  
132 (ii) MOLECULE TYPE: DNA (genomic)  
134 (iii) HYPOTHETICAL: NO  
136 (iv) ANTI-SENSE: NO  
140 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
142 AATCATTTTC TTCCTTAAGGT G 21  
144 (2) INFORMATION FOR SEQ ID NO: 6:  
146 (i) SEQUENCE CHARACTERISTICS:  
147 (A) LENGTH: 21 base pairs  
148 (B) TYPE: nucleic acid  
149 (C) STRANDEDNESS: single  
150 (D) TOPOLOGY: unknown  
152 (ii) MOLECULE TYPE: DNA (genomic)  
154 (iii) HYPOTHETICAL: NO  
156 (iv) ANTI-SENSE: NO  
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
162 AATCATTTTC TGTTGCCGCC G 21

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164 (2) INFORMATION FOR SEQ ID NO: 7:  
166 (i) SEQUENCE CHARACTERISTICS:  
167 (A) LENGTH: 21 base pairs  
168 (B) TYPE: nucleic acid  
169 (C) STRANDEDNESS: single  
170 (D) TOPOLOGY: unknown  
172 (ii) MOLECULE TYPE: peptide  
174 (iii) HYPOTHETICAL: NO  
176 (iv) ANTI-SENSE: NO  
180 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
182 AATCATTTTC TGCCCTCGTIG G 21  
184 (2) INFORMATION FOR SEQ ID NO: 8:  
186 (i) SEQUENCE CHARACTERISTICS:  
187 (A) LENGTH: 21 base pairs  
188 (B) TYPE: nucleic acid  
189 (C) STRANDEDNESS: single  
190 (D) TOPOLOGY: unknown  
192 (ii) MOLECULE TYPE: peptide  
194 (iii) HYPOTHETICAL: NO  
196 (iv) ANTI-SENSE: NO  
200 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
202 AATCATTTTT TGCCCTCCCTCG G 21  
204 (2) INFORMATION FOR SEQ ID NO: 9:  
206 (i) SEQUENCE CHARACTERISTICS:  
207 (A) LENGTH: 21 base pairs  
208 (B) TYPE: nucleic acid  
209 (C) STRANDEDNESS: single  
210 (D) TOPOLOGY: unknown  
212 (ii) MOLECULE TYPE: DNA (genomic)  
214 (iii) HYPOTHETICAL: NO  
216 (iv) ANTI-SENSE: NO  
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
222 AATCATTTTC TGATGCCGAA G 21  
224 (2) INFORMATION FOR SEQ ID NO: 10:  
226 (i) SEQUENCE CHARACTERISTICS:  
227 (A) LENGTH: 21 base pairs  
228 (B) TYPE: nucleic acid  
229 (C) STRANDEDNESS: single  
230 (D) TOPOLOGY: unknown  
232 (ii) MOLECULE TYPE: DNA (genomic)  
234 (iii) HYPOTHETICAL: NO  
236 (iv) ANTI-SENSE: NO  
240 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
242 AATCATTTTC TGCCCTACTGG G 21  
244 (2) INFORMATION FOR SEQ ID NO: 11:  
246 (i) SEQUENCE CHARACTERISTICS:  
247 (A) LENGTH: 21 base pairs  
248 (B) TYPE: nucleic acid  
249 (C) STRANDEDNESS: single

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250 (D) TOPOLOGY: unknown  
252 (ii) MOLECULE TYPE: DNA (genomic)  
254 (iii) HYPOTHETICAL: NO  
256 (iv) ANTI-SENSE: NO  
260 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
262 AATCAITTC TIAACGGGAC G 21  
264 (2) INFORMATION FOR SEQ ID NO: 12:  
266 (i) SEQUENCE CHARACTERISTICS:  
267 (A) LENGTH: 21 base pairs  
268 (B) TYPE: nucleic acid  
269 (C) STRANDEDNESS: single  
270 (D) TOPOLOGY: unknown  
272 (ii) MOLECULE TYPE: DNA (genomic)  
274 (iii) HYPOTHETICAL: NO  
276 (iv) ANTI-SENSE: NO  
280 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
282 ATTCAATTTC TTCTTGCGC T 21  
284 (2) INFORMATION FOR SEQ ID NO: 13:  
286 (i) SEQUENCE CHARACTERISTICS:  
287 (A) LENGTH: 21 base pairs  
288 (B) TYPE: nucleic acid  
289 (C) STRANDEDNESS: single  
290 (D) TOPOLOGY: unknown  
292 (ii) MOLECULE TYPE: DNA (genomic)  
294 (iii) HYPOTHETICAL: NO  
296 (iv) ANTI-SENSE: NO  
300 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
302 AATCATTTC TGATTAGGAA G 21  
304 (2) INFORMATION FOR SEQ ID NO: 14:  
306 (i) SEQUENCE CHARACTERISTICS:  
307 (A) LENGTH: 21 base pairs  
308 (B) TYPE: nucleic acid  
309 (C) STRANDEDNESS: single  
310 (D) TOPOLOGY: unknown  
312 (ii) MOLECULE TYPE: DNA (genomic)  
314 (iii) HYPOTHETICAL: NO  
316 (iv) ANTI-SENSE: NO  
320 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
322 AATCATTTC TGCCGAETGC T 21  
324 (2) INFORMATION FOR SEQ ID NO: 15:  
326 (i) SEQUENCE CHARACTERISTICS:  
327 (A) LENGTH: 7 amino acids  
328 (B) TYPE: amino acid  
329 (C) STRANDEDNESS: single  
330 (D) TOPOLOGY: unknown  
332 (ii) MOLECULE TYPE: peptide  
334 (iii) HYPOTHETICAL: NO  
336 (iv) ANTI-SENSE: NO  
340 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

RAW SEQUENCE LISTING  
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342     Asn His Phe Leu Pro Lys Val
343     1           5
345 (2) INFORMATION FOR SEQ ID NO: 16:
347   (i) SEQUENCE CHARACTERISTICS:
348     (A) LENGTH: 14 amino acids
349     (B) TYPE: amino acid
350     (C) STRANDEDNESS: single
351     (D) TOPOLOGY: unknown
353   (ii) MOLECULE TYPE: DNA (genomic)
355   (iii) HYPOTHETICAL: NO
357   (iv) ANTI-SENSE: NO
361   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
363     Met Val Gln Lys Arg Asn His Phe Leu Pro Tyr Ser Leu Pro
364     1           5           10
366 (2) INFORMATION FOR SEQ ID NO: 17:
368   (i) SEQUENCE CHARACTERISTICS:
369     (A) LENGTH: 21 base pairs
370     (B) TYPE: nucleic acid
371     (C) STRANDEDNESS: single
372     (D) TOPOLOGY: unknown
374   (ii) MOLECULE TYPE: DNA (genomic)
376   (iii) HYPOTHETICAL: NO
378   (iv) ANTI-SENSE: NO
382   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
384 ATTCAATTTC TGCCCGCAGAA T
386 (2) INFORMATION FOR SEQ ID NO: 18:
388   (i) SEQUENCE CHARACTERISTICS:
389     (A) LENGTH: 12 amino acids
390     (B) TYPE: amino acid
391     (C) STRANDEDNESS: single
392     (D) TOPOLOGY: unknown
394   (ii) MOLECULE TYPE: peptide
396   (iii) HYPOTHETICAL: NO
398   (iv) ANTI-SENSE: NO
402   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
404     Asn His Phe Leu Asn Arg Pro Ala Gln Ser Gln Val
405     1           5           10
407 (2) INFORMATION FOR SEQ ID NO: 19:
409   (i) SEQUENCE CHARACTERISTICS:
410     (A) LENGTH: 7 amino acids
411     (B) TYPE: amino acid
412     (C) STRANDEDNESS: single
413     (D) TOPOLOGY: unknown
415   (ii) MOLECULE TYPE: peptide
417   (iii) HYPOTHETICAL: NO
419   (iv) ANTI-SENSE: NO
423   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
425     Asn His Phe Leu Ile Lys Pro
426     1           5

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VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/229,751A DATE: 12/07/2000  
TIME: 10:07:58  
Input Set : A:\Pto.amc  
Output Set: N:\CRF3\12072000\I229751A.raw